

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 1    | "5404146".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/07/15 17:24 |
| L2    | 1    | "5401146".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/07/15 17:53 |
| L3    | 1    | "5927722".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/07/15 17:53 |
| S1    | 6124 | (turbomolecular or (turbo-molecular) or (turbo adj1 molecular)) with pump                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 12:56 |
| S2    | 102  | S1 and (damp\$5 with vibrat\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 11:27 |
| S3    | 461  | 417/423.15.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 11:26 |
| S4    | 37   | S3 and (damp\$5 with vibrat\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 11:27 |
| S5    | 166  | S1 and ((damp\$5 or absorb or absorption or cushion or remove or eliminate) with vibrat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 11:29 |
| S6    | 0    | S2 not S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/15 11:29 |

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| S7  | 64    | S5 not S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 11:29 |
| S8  | 50    | S3 and ((damp\$5 or absorb or<br>absorption or cushion or remove<br>or eliminate) with vibrat\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 14:15 |
| S9  | 114   | S7 or S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 12:56 |
| S10 | 1308  | 417/363.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 12:56 |
| S11 | 10    | ((turbomolecular or<br>(turbo-molecular) or (turbo adj1<br>molecular)) with pump) and S10           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 12:59 |
| S12 | 96780 | "10" and ((damp\$5 or absorb or<br>absorption or cushion or remove<br>or eliminate) with vibrat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 14:16 |
| S13 | 1308  | 417/363.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 14:16 |
| S14 | 275   | S13 and ((damp\$5 or absorb or<br>absorption or cushion or remove<br>or eliminate) with vibrat\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 14:37 |

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| S15 | 0    | "423"".""4,423"".""14".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/15 14:37 |
| S16 | 1095 | 417/423.4,423.14.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/15 14:38 |
| S17 | 24   | hagay.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/15 14:51 |
| S18 | 12   | ("6899529" "6867521" "6619911"<br>"4835972" "4363217" "6575713").<br>pn.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/15 14:51 |
| S19 | 7    | ("4352643"   "4541772"  <br>"4946345"   "5145812"  <br>"6090879"   "6422837"  <br>"6575713").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:53 |
| S20 | 7    | ("4352643"   "4541772"  <br>"4946345"   "5145812"  <br>"6090879"   "6422837"  <br>"6575713").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:53 |
| S21 | 5    | ("4268769"   "4609332"  <br>"4795927"   "5059092"  <br>"6184640").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:54 |
| S22 | 5    | ("4268769"   "4609332"  <br>"4795927"   "5059092"  <br>"6184640").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:54 |
| S23 | 4    | ("4732529"   "4893985"  <br>"5893702"   "5895202").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:54 |
| S24 | 4    | ("4184810"   "4294493"  <br>"4541772"   "5166566").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:55 |
| S25 | 4    | ("4184810"   "4294493"  <br>"4541772"   "5166566").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:55 |
| S26 | 4    | ("4184810"   "4294493"  <br>"4541772"   "5166566").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/07/15 14:55 |

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| S27 | 4  | ("4184810"   "4294493"  <br>"4541772"   "5166566").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/07/15 14:55 |
| S28 | 16 | ("2386505"   "3125858"  <br>"3345245"   "3369826"  <br>"3894403"   "3952777"  <br>"4050665"   "4352643"  <br>"4363217"   "4394819"  <br>"4526015"   "4539822").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/07/15 14:56 |
| S29 | 4  | ("3609992"   "3742729"  <br>"3894403").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/07/15 17:23 |